



What's The Attraction About MRI?

18 – 19 July & 2 August 2024

Introduction

This course is designed to provide participants with a solid foundation in the fundamental principles and concepts underlying Magnetic Resonance Imaging (MRI). Whether you are new to the field or seeking to deepen your understanding, this course will equip you with the knowledge necessary to comprehend the inner workings of this powerful medical imaging modality. By grasping the core principles, you will be able to optimize image quality, troubleshoot technical issues and appreciate the strength and limitations of MRI technology.

Course Objectives

This classroom course covers the basic of MRI theory and clinical application to supplement the On-Job Training (OJT) to novice or newly joined MRI radiographer.

After completing this course, participants will be able to:

- Describe the different type of pulse sequences and its relevant theory
- Describe the major components of MR system
- Explain the origin and attribute of MR hazards and preventive measures
- Recognise MR artefacts and apply appropriate remedy
- Interpret imaging parameters and its effect on image weightage
- Discuss the use of contrast agents in MRI
- Rationalize the use of pulse sequences for various clinical indications
- Recongnise pathological conditions, anomalies and variations in anatomy
- Correlate radiological findings with clinical information

Course Outline

1. Basic MR Physics
2. MR Instrumentation
3. MR Safety - scenario based
4. Artefacts
5. Clinical - Neuro/Body/MSK
6. Pattern Recognition

Target Audience

Radiographers, Radiologists and Medical Physicists

Course Details

Date	: 18 – 19 July & 2 August 2024
Time	: 9.00 am– 5.00 pm
Duration	: 3 days (21 hours)
Class size	: 15 participants
Venue	: National Heart Centre Singapore 5 Hospital Drive Singapore 169608
Fee	: S\$1,130 (SingHealth) S\$1,250 (Regular) <i>(inclusive of prevailing rate of GST)</i>

Teaching Faculty

Mr Kenneth Lo Senior Principal Radiographer, SGH
Ms Lee Weiling Senior Principal Radiographer, SGH
Ms Chai Pik Hsien Principal Radiographer, SGH
Mr Bertwin Chen Principal Radiographer, SGH
Ms Nurhazwani Bte Roslan Senior Radiographer, SGH
Mr Qiu Dejian Senior Radiographer, SGH
Dr Jeffrey Fong Consultant, Diagnostic Radiology
Dr Edmond Lim Associate Consultant, Diagnostic Radiology
Dr May Lim Associate Consultant, Neuroradiology
Dr Seow Poh Choo Senior Medical Physicist, Radiology

Registration

To register (*internet access is required*), scan the QR code or click on the web link. Registration closes on **28 June 2024 (Friday)**.



<https://form.gov.sg/664639bdfd26e093755d43b2>

Upon registration, you agree to the [Terms & Conditions](#) of PGAHI.

Quick Links

[FAQs](#), [PGAHI Programmes](#), [Training Calendar and Directory](#)